

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/692,481</td> </tr> <tr> <td>Filing Date</td> <td>October 24, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Ernest C. Chen</td> </tr> <tr> <td>Title</td> <td>Online Output Multiplexer Filter Measurement</td> </tr> <tr> <td>Art Unit</td> <td>2419</td> </tr> <tr> <td>Examiner Name</td> <td>Duc Chi Ho</td> </tr> <tr> <td>Attorney Docket Number</td> <td>PD-201150</td> </tr> </table>	Application Number	10/692,481	Filing Date	October 24, 2003	First Named Inventor	Ernest C. Chen	Title	Online Output Multiplexer Filter Measurement	Art Unit	2419	Examiner Name	Duc Chi Ho	Attorney Docket Number	PD-201150
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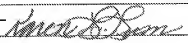
I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby Appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number
Todd N. Snyder	41,320
Victor G. Cooper	39,641
Jason S. Feldmar	39,187

Please recognize or change the correspondence address for the above-identified application to the address associated with Customer Number: 20991

I am the Assignee of record of the entire interest.
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith.

SIGNATURE of Assignee of Record		
Signature – 	Date	September 25, 2010
Name – Karen L. Lum	Telephone	310-964-0735
Title and Company – Assistant Secretary, The DIRECTV Group, Inc.		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
*Total of <u>ONE</u> form is submitted.		